



Product Sheet

Human adenovirus 45 (ATCC® VR-1307™)

Please read this **FIRST**

Storage Temp.
-60°C or colder

Biosafety Level
2

Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Human adenovirus 45 (ATCC® VR-1307™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Strain: 1590

Classification: Adenoviridae, Mastadenovirus, Human adenovirus D

Original Source:

stool of 33-year-old male with AIDS, New York, 1982

Depositor: JC Hierholzer

Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

Propagation

Propagation Host:

HEp-2 cells (ATCC CCL-23)

primary human embryonic kidney cells; HEp-2 cells (ATCC CCL-23); KB cells (ATCC CCL-17); human embryonic lung fibroblasts

Effect on Host:

Cytopathic effects (typical adenovirus CPE) and acid end products

Growth Conditions

Temperature: 36°C

Incubation: 3 days

Comments

Minor SN crosses with adenovirus types 29 and 30. Minor HAI crosses with adenovirus types 17 and 28; major bilateral crosses with type 29.

References

References and other information relating to this product are available online at www.atcc.org.

Key Abbreviations

CPE, cytopathic effect

HAI, hemagglutination inhibition

HEK, human embryo kidney

HELFL, human embryo lung fibroblasts

HEp-2, human laryngeal tumor cells

KB, human oral epidermoid carcinoma cells

Pen, penicillin

Pr, primary

SN, serum neutralization

Strep, streptomycin

TC, tissue culture

TCID₅₀, median tissue culture infective dose

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty


The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium




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formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.
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